



1



Program Title Africa at the Indianapolis Zoo

Interactive Videoconference at FPU Main Campus

October 7, 2011 SCC, Room 103 1PM-2PM

Target Audience *Education:* Kindergarten, Grade(s): 1, 2, 3, 4, 5, 6, 7, 8,

Primary Disciplines Sciences

Program Description Explore the plains of Africa and discover the animals that live there, including lions, rhinos, and giraffes. We'll uncover the relationship between predator and prey and look adaptations these animals have for survival on the savannah.

Program Format We begin with visiting the different animals in the African plains.
We observe and compare the adaptations of several different animals found in the plains environment.
We conclude the program with a question and answer session.

Objectives Participants will list the major characteristics of the plains.
Participants will explore the relationships between animals in the plains environment.
Participants will identify some of the adaptations that animals in the plains possess.

Other Lessons and Resources from Thinkfinity.com:

Ferocious Felines

Grades 3-5

<http://www.nationalgeographic.com/xpeditions/lessons/08/g35/lionkings.html>

Overview:

While the Kalahari Desert may be a harsh physical environment, it is also an environment rich with biological diversity. This seeming contradiction sets the stage for the giant-screen film *Roar: Lions of the Kalahari*, which documents a lion pride's struggle for survival in this unmerciful land. [It is not mandatory that students view the film in combination with this lesson, but because the film illustrates the content covered in the lesson, it can be a great accompaniment.]

In this lesson, students will study the biota—or flora and fauna—of the Kalahari Desert, and the importance of the lion's role as predator within this ecosystem. Students will work in groups to develop skits (for in-class presentation) that will depict aspects of animal life in the Kalahari Desert.

People and African Animals

Grades: 3-5

<http://www.nationalgeographic.com/xpeditions/lessons/14/g35/africapeople.html>

Overview:

This lesson asks students to think about the ways that human activities impact [African animals and their habitats](#). After looking at pictures on the Internet and discussing the possible consequences of human activities, students will draw pictures of animals living in their natural habitats with and without the effects of human impacts. Finally, they will write captions describing their pictures. In a lesson extension, students will explore the *National Geographic* magazine feature [Africa MegaFlyover—Charting the Last Wild Places on Earth](#).

Protecting Africa's Wildlife

Grades K-2

<http://www.nationalgeographic.com/xpeditions/lessons/14/gk2/africawildlife.html>

Overview:

In this lesson, students will consider [how people affect the natural environment](#) in their home area and in Africa. They will learn about two African habitats (the savanna and the rain forest) and some of the animals that live there, and focus on how cheetahs and chimpanzees make use of their habitats. Students will conclude by creating posters to encourage people to protect the savanna and the rain forest, as well as the animals in the area where they live.